

**Listing of Claims:**

1. (Currently Amended) A flow detector comprising:

a ~~path block~~ main body ~~forming which forms~~ a given path; and  
having

a flow sensor interposed in said path to detect a flow rate  
5 of a fluid running through said path; [[,]] and

a circuit board ~~surmounted by~~ having mounted thereon an  
electric circuit ~~that~~ which measures ~~a~~ the flow rate of ~~a~~ the  
fluid running through said path by using said flow sensor; ~~said~~  
~~flow detector being constructed so that said path block~~

10 wherein said main body and said circuit board are  
accommodated in a rectangular parallelepiped or cubic housing,  
which is fixable to a given panel; and

wherein [[:]] an indicator and an operation switch are  
provided in a front surface portion of said housing that is  
15 exposed ~~to~~ at a front surface of ~~a~~ said given panel when said  
housing is fixed to said given panel;

wherein an inlet and an outlet of said path are provided in  
a back surface portion of said housing; and

wherein a terminal for external connection of said circuit  
20 board is provided in the back surface portion of said housing.

2. (Currently Amended) The flow detector according to claim 1, wherein:

5 said ~~path block~~ given path formed by said main body forms a is U-shaped ~~path by arranging and~~ the inlet and the outlet of said path ~~to face in the a~~ same direction; and

10 said circuit board is installed ~~virtually~~ substantially parallel to ~~both~~ a side face of said ~~path block~~ main body along with and said U-shaped path, and the circuit board is provided with a multiway connector for external connection ~~in at~~ an end portion thereof positioned alongside said inlet and said outlet of said path.

3. (Currently Amended) The flow detector according to claim 1, ~~wherein: said path is provided with~~ further comprising a flow-regulating valve which is provided in said path and which ~~that~~ regulates the flow rate of the fluid running through said path.

4. (Currently Amended) The flow detector according to claim 1, ~~wherein: there is provided~~ further comprising a water-absorbing sheet around the inlet and the outlet of said path ~~disposed~~ provided in the back surface portion of said housing.

5 5. (Currently Amended) The flow detector according to claim 2, ~~wherein [[:]] there is provided~~ further comprising a water-absorbing sheet around the inlet and the outlet of said path ~~disposed~~ provided in the back surface portion of said housing.

5 6. (Currently Amended) The flow detector according to claim 3, ~~wherein [[:]] there is provided~~ further comprising a water-absorbing sheet around the inlet and the outlet of said path ~~disposed~~ provided in the back surface portion of said housing.

5 7. (Currently Amended) The flow detector according to claim 2, ~~wherein: said path is provided with~~ further comprising a flow-regulating valve which is provided in said path and which ~~that~~ regulates the flow rate of the fluid running through said path.

5 8. (Currently Amended) The flow detector according to claim 7, ~~wherein: there is provided~~ further comprising a flow-regulating valve which is provided in said path and which ~~that~~ regulates the flow rate of the fluid running through said path.